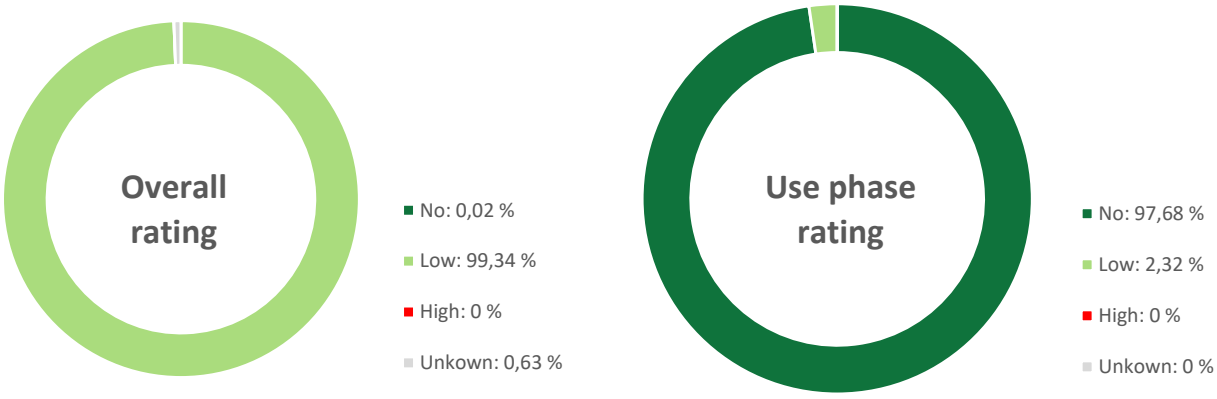
IQ ONE - 2025

Company	**TARKETT**
Product specifications	**IQ ONE - 2025**
Issue date:	**06. August 2025**
Expiration date:	**07. August 2027**
Declaration and evaluation threshold:	At least 100 ppm of the final product
After-use scenario:	ReStart® recycling and take-back programme[(a)]
EPEA Registry No:	45600
MHS Version:	3.0

Chemicals Risk Assessment: Concern level



This summary presents the average mass weighted distribution of material health ratings presented on next pages. Ratings address benefits and risks of chemical components of the product for humans and the living environment:
* during the phase of use of the product.
* overall while taking into account
  a) the last manufacturing step using raw materials leading to them in the product's composition,
  b) the production of raw materials in the supply chain as far as information is attainable from suppliers or from generic literature,
  c) the intended management scenario after use.

The benefit and risk analysis follows a qualitative and quantitative breakdown of the product's chemical composition from the chemical composition of raw materials, a reconstruction of chemical transformation pathways and an anticipation of the chemical's behaviour during the intended after-use processing. This information is combined with physical and (eco)toxicological properties of pure chemicals obtained from governmental and non-governmental scientific organisations to derive a level of concern.The MHS is making transparent at a point in time results of the company's activities for developing benefits of the product, including environmental and health benefits, with its purchasing and commercialization practices.

FUNCTION	CHEMICALS (Maximally present at ≥ 0,01%)	CAS	CONTENT (average)	EPEA RATING		GS-LT GS-BM[(c)]	REACH
				USE PHASE	OVERALL		
Polymers	2,5-Furandione, polymer with ethene	9006-26-2	48,2%			LT-UNK	✓
	1,3-Butadiene-styrene copolymer	9003-55-8				LT-UNK	✓
	Hexanedioic acid, polymer with 1,4-butanediol, 1,6-diisocyanatohexane and 1,6-hexanediol	52270-22-1				LT-P1	✓
	Other polymers of polyurethane and polyolefine types	Proprietary				None	✓
						None	✓
						LT-UNK	✓
						LT-UNK	✓
	Polymer compound suitable for thermoplastic recycling. No indication for concerns relating to the exposure to synthesis impurities or thermal degradation products. Nanomaterials contained: No						
Fillers	Aluminium hydroxide	21645-51-2	44,9%			BM2	✓
	Dolomite	16389-88-1				LT-UNK	✓
	Quartz (SiO2)	14808-60-7				LT-1	✓
	Mineral fillers consist first of all from aluminium hydroxide which also acts as a flame retardant and dolomite, a stone crushed to particles with a median size of 30µm. Crystalline silica is a natural impurity of dolomite present in the product at a level <0.05%. No concern in the final product. Nonamaterials: No						
Coloration agents	Titanium dioxide	13463-67-7	1,1%			LT-1	✓
	Carbon black	1333-86-4				BM1	✓
	Coloration system consisting mainly of titanium dioxide and carbon black. Other organic or mineral pigments are involved, however at a level below the declaration limit. Potential health issues related to dust inhalation during mining and production of titanium dioxide. No concern in the finished product. Nanomaterials: No						

Additives, processing aids, impurities	N,N'-ethylenedi(stearamide)	110-30-5	5,1%			LT-UNK	✓
	Pentaerythritol tetrakis(3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate)	6683-19-8				LT-UNK	✓
	Aluminium orthophosphate	7784-30-7				LT-P1	✓
	Fumes, silica	69012-64-2				LT-P1	✓
	Zinc distearate	557-05-1				LT-P1	✓
	Zinc dilaurate	2452-01-9				LT-P1	✓
	Sodium oxide	12401-86-4				LT-UNK	✓
	Dimethyl butanedioate polymer with 4-hydroxy-2,2,6,6-tetramethyl-1-piperidineethanol	65447-77-0				LT-UNK	✓
	Paraffin waxes and Hydrocarbon waxes, microcryst.	63231-60-7				LT-UNK	✓
	Tris(2,4-ditert-butylphenyl) phosphite	31570-04-4				BM1	✓
	2-(2H-benzotriazol-2-yl)-4,6-bis(1-methyl-1-phenylethyl)phenol	70321-86-7				BM1	✓
	2-(1-(2-hydroxy-3,5-di-tert-pentyl-phenyl)ethyl)-4,6-di-tert-pentylphenyl acrylate	123968-25-2				LT-P1	✓
	Other additives, processing aids or impurities	Proprietary				LT-P1	✓
						LT-P1	✓
						LT-UNK	✓
						LT-UNK	✓
						LT-UNK	✓
						LT-UNK	✓
						LT-UNK	✓
						BM1	✓
						LT-UNK	✓
						LT-UNK	✓
						LT-UNK	✓
						LT-UNK	✓
						LT-UNK	✓
						N.I.	-
	This section encompasses functional chemicals in the production of iQ One or chemicals that have had a function to produce input materials. Functional chemicals in the production of iQ One are mainly a stabilization system that consists of heat stabilizers, antioxidants and light stabilizers. Undefined chemicals represent about 1% of the amount in this section. Nanomaterials: Not verified						
Surface Treatment	Chemical precursors of a surface treatment	Proprietary	0,03%			LT-UNK	✓
						LT-P1	✓
						N.I.	-
	Mixture of precursors for the production of a complex polymeric structure via curing with photoinitiators. The main component is not defined by CAS number but approximately defined as aliphatic urethane acrylic non-ionic copolymer that is free of tin organic compounds. Nanomaterials: No						

RESOURCE ORIGIN			
Content sourced from abundant minerals		45,60%	Dolomite is an abundant mineral resource. Aluminium trihydrate and titanium dioxide are derived from abundant mineral resources
Recycled content	- Internal post-industrial	24,50%	iQ One is produced with recycled content with the same chemical composition as the primary content.
	- Post-installation	1,00%	
	- Post-use source	-	
Biologically renewable content	- Animal	-	No chemicals identified that can be traced back to biological resources
	- Vegetal	-	

EPEA's rating methodology [(d)] is based on the Cradle-to-Cradle approach with the European Precautionary principle. It is made in relation with a quality target, an after-use scenario and on the background of the specific supply chain materials used by the article's manufacturer. The assessment of hazard/safety properties of chemicals is made at the best of our knowledge at the date of MHS™ issue. EPEA believes the data forth herein are accurate as of the date hereof. EPEA makes no warranty with respect thereto and expressly denies all liability for reliance thereon. Such data are offered solely for your consideration, investigation, and verification.

Dr. Jan Christoph von der Lancken
Managing Director EPEA Industry

Dr. Alain Rivière
Scientific Supervisor

Legend:

EPEA RATINGS	REACH compliance	GS-LT / GS- BM[(a)]
● No concern ● low concern ● High concern. Task for material optimization ● Risk cannot be verified. Task for knowledge development	✓: Substance is listed neither in Annex XIV nor in Annex XVII nor as SVHC and complies with European Union Regulation EC 1907/2006 applicable to this article **XVII or XIV**: Substance listed in Annex XVII (Restriction) or Annex XIV (Authorisation) of REACH regulation applicable to this article **SVHC**: Substance of Very High Concern. Candidate for listing in Annex XIV (Authorization list) of REACH Regulation at a concentration above 0.1% - : Not applicable due to missing CAS#	**LT-1**: Chemical is found on an authoritative list of the most-toxic chemicals **LT-P1**: Chemical may be a serious hazard, but the confidence level is lower **LT-UNK**: Unknown (no data on List Translator Lists) **BM1**: Avoid: Chemical of High Concern **BM2**: Use but search for Safer Substitutes **BM3**: Use but still opportunity for improvement **BM4**: Prefer: Safer Chemical **BMU**: "Unspecified"; insufficient data **N.I.**: (No GS rating): Chemical is not listed in the source of GS and GS-LT ratings

(a) ReStart® recycling and take-back programme(a)
https://professionals.tarkett.com/en_EU/node/restart-recycling-take-back-programme-9721

(b) Charter for a responsible use of PVC and chlorine management
https://www.epea.com/en/news/pvc-chlorine-management

(c) GreenScreen List Translator Score and GreenScreen Benchmark Score according to 3E Exchange
https://exchange.3eco.com/Substances/Search

(d) EPEA MHS V3.0 Development Guidance
https://epea.com/fileadmin/user_upload/2.0_Leistungen/MHS_Guidance_document_V3.0_EPEA_15.09.2023.pdf

(e) VOC regulation compliance
- ✓ French VOC regulations DEVL 1101903D and DEVL1104875A modified 2012 (DEVL 1133129A)
- ✓ French CMR components (2009) DEVP0908633A and DEVP0910064A (April and May 2009)
- ✓ Belgian VOC regulation C-2014/24239 (2014)
- ✓ BREEAM Exemplary Level v6.0 (2021)
- ✓ BREEAM NOR v6.1 (2023)
- ✓ Italian CAM Edilizia (Nr. 183 - 2022)
- ✓ German AgBB (2021)
- ✓ German DE-UZ 120 (Blue Angel)
- ✓ EU-Taxonomy
- ✓ Lead v4.1 Beta (ouside U.S.)
- ✓ Formaldehyde emission class (EN 6516 (2020) EN 14041:2018